

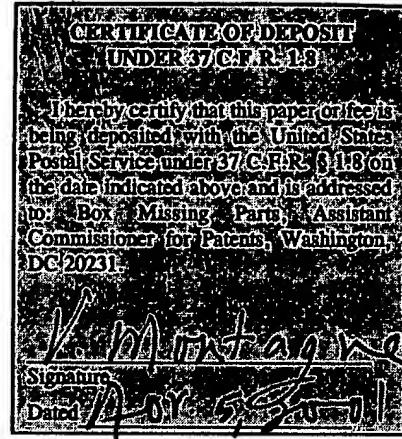


COPY OF PAPERS
ORIGINALLY FILED

PATENT APPLICATION
DOCKET NO. T5100.CIP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Chien-Min Sung
SERIAL NO.: 09/935,204
FILED: 08/22/2001
FOR: BRAZED DIAMOND TOOLS AND
METHODS FOR MAKING
ART UNIT: 3723
EXAMINER:
DOCKET NO.: T5100CIP2



RESPONSE TO NOTICE TO FILE MISSING PARTS OF
PATENT APPLICATION Filing Date Granted

Assistant Commissioner for Patents
Box Missing Parts
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application mailed September 28, 2001, please find enclosed herewith the following items for filing in the United States Patent and Trademark Office in connection with the above-identified patent application:

- An Assignment from the inventor;
- Applicant claims Small Entity Status pursuant to 37 CFR 1.9(f);
- A copy of the Notice to File Missing Parts of Application Filing Date Granted;
- Combined inventor Declaration, Power of Attorney, and Petition;
- Prior Art Statement, Form PTO-1449, and copies of cited prior art;
- Check in the amount of \$851.00 to cover the filing fee for the above-identified application, including claims in excess and multiple dependent claims and the

surcharge fee pursuant to 37 C.F.R. § 1.16(e). These fees have been calculated as follows:

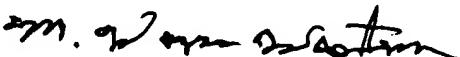
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEES	RATE	FEES
BASIC FEE				\$370		\$740
TOT. CLAIMS	46-20 =	26	x 9 =	\$234	x 18 =	\$
IND. CLAIMS	4-03 =	1	x 42 =	\$42	x 84 =	\$
MULTIPLE DEPENDENT CLAIMS PRESENTED			\$140	\$140	\$280	
ASSIGNMENT FILING FEE			\$ 40	-0-	\$ 40	
SURCHARGE FEE				\$65		
			TOTAL	\$851	TOTAL	

The Commissioner is hereby authorized to charge any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 20-0100.

Please address all future correspondence in connection with this case to the attention of the undersigned.

DATED this 5th day of Nov., 2001.

Respectfully submitted,


M. Wayne Western
Attorney for Applicant
Registration No. 22,788

THORPE NORTH & WESTERN, L.L.P.
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
Telephone (801) 566-6633

RP
MWW/DWO/vm
Enclosures

[H:\FILES\T5000\T5100\T5100.CIP2\mpresponse.wpd]



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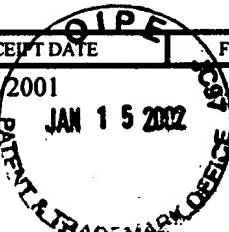
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Thorpe, North & Western
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/935,204	08/22/2001 JAN 15 2002	Chien-Min Sung	T5100CIP2



M. Wayne Western
THORPE NORTH & WESTERN, L.L.P.
P.O. Box 1219
Sandy, UT 84091-1219

CONFIRMATION NO. 9727

FORMALITIES LETTER



OC000000008805899

Date Mailed: 09/28/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

01/22/2002 SDIRETAL1 00000008 09935204

370.00 OP

65.00 OP

234.00 OP

42.00 OP

14.00 OP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$818.
 - \$468 for 26 total claims over 20.
 - \$80 for 1 independent claims over 3 .
 - \$270 for multiple dependent claim surcharge.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1658.

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

COPY OF PAPERS
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit :
Examiner :
Serial No. : 10/001,434
Filed : October 23, 2001
Inventors : Allen Scott
: William Stout
Title : ELECTRIC WATER
: HEATER WITH
: PULSED ELECTRONIC
: CONTROL AND
: DETECTION



22469

PATENT TRADEMARK OFFICE

Docket No.: 1015-CIP-98
Confirmation No.:

Dated: December 18, 2001

TRANSMITTAL LETTER

Commissioner for Patents
Washington, DC 20231

Sir:

We submit herewith the executed Combined Declaration, Power of Attorney and Petition and request that it be formally entered in the file of the case.

We enclose herewith our check in the amount of \$130.00 comprising the surcharge for filing the Combined Declaration later than the date of actual filing of the application in the U.S. Patent & Trademark Office.

Respectfully submitted,

T. Daniel Christenbury
Reg. No. 31,750

TDC:kb
(215) 563-1810

01/22/2002 SDIRETA1 00000009 10001434
01 FC:105 130.00 0P

COPY OF PAPERS
ORIGINALLY FILED

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit :
Examiner :
Serial No. : 10/001,434
Filed : October 23, 2001
Inventors : Allen Scott
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Title : ELECTRIC WATER
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: DETECTION



22469

PATENT TRADEMARK OFFICE

Docket No.: 1015-CIP-98
Confirmation No.:

Dated: December 18, 2001



Commissioner for Patents
Washington, DC 20231

Sir:

Certificate of Mailing Under 37 CFR 1.8

For

\$130.00 Check

Postcard

Transmittal Letter

Executed Combined Declaration, Power of Attorney and Petition

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney
or Registered Representative:

Schnader Harrison Segal & Lewis
Customer No. 022469

By: TJ

Date: 18 Dec 2001